

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-17. (Canceled)

18. (New) An electric connection box to be mounted in an engine room of a vehicle, the electric connection box comprising:

an on-vehicle circuit unit that includes a circuit board having a power circuit and a heat radiating member having an inner surface to which the circuit board is fixed in a manner that enables heat conduction and an outer surface that is as a heat radiating surface; and

a case other than the heat radiating member, the case incorporating the on-vehicle circuit unit and other circuit components while exposing the outer surface of the heat radiating member to an outside of the case,

wherein the case has a mounting portion which is fixed to the engine room to make the outer surface of the heat radiating member face an inner surface of the engine room with a clearance between the heat radiating member and the inner surface of the engine room.

19. (New) The electric connection box according to claim 18, wherein the mounting portion is fixed to the engine room to make the outer surface of the heat radiating member parallel with the inner surface of the engine room.

20. (New) The electric connection box according to claim 19, wherein the mounting portion is fixed to the engine room to make the clearance between the outer surface of the heat radiating member and the inner surface of the engine room fall in a range of 3mm and 20mm.

21. (New) The electric connection box according to claim 18, wherein the heat radiating member has a mounting part that is fixed to a first portion of the engine room to

make contact with the first portion and the mounting portion of the case is fixed to a second portion of the engine room.

22. (New) The electric connection box according to claim 21, wherein the mounting part of the radiating member is fixed to a side wall of the engine room while the mounting portion of the case is fixed to a bottom wall of the engine room.

23. (New) The electric connection box according to claim 21, wherein the on-vehicle circuit unit is fixed to the engine room in a manner so that the mounting part faces upward.

24. (New) An assembly to be provided on a vehicle having an engine room, the assembly comprising:

a wall of the engine room, the wall having an inner surface;

an on-vehicle circuit unit that includes a circuit board having a power circuit and a heat radiating member having an inner surface to which the circuit board is fixed in a manner that enable heat conduction and an outer surface that is a heat radiating surface; and

a case other than the heat radiating member, the case incorporating the on-vehicle circuit unit and other circuit components while exposing the outer surface of the heat radiating member to an outside of the case,

wherein the case has a mounting portion which is to be fixed to the engine room to make the outer surface of the heat radiating member face the inner surface of the wall of the engine room with a clearance between the heat radiating member and the inner surface of the wall of the engine room.

25. (New) The assembly according to claim 24, wherein the mounting portion is fixed to the engine room to make the outer surface of the heat radiating member parallel with the inner surface of the wall of the engine room.

26. (New) The assembly according to claim 25, wherein the mounting portion is

fixed to the engine room to make the clearance between the outer surface of the heat radiating member and the inner surface of the wall of the engine room fall in a range of 3mm and 20mm.

27. (New) The assembly according to claim 24, wherein the heat radiating member has a mounting part that is fixed to a first portion of the engine room to make contact with the first portion and the mounting portion of the case is fixed to a second portion of the engine room.

28. (New) The assembly according to claim 27, wherein the mounting part of the radiating member is fixed to a side wall of the engine room while the mounting portion of the case is fixed to a bottom wall of the of the engine room.

29. (New) The assembly according to claim 27, wherein the on-vehicle circuit unit is fixed to the engine room in a manner so that the mounting part faces upward.